DELL POWEREDGE T410 SERVER

Dell's high value, flexible tower server, the PowerEdge™ T410, simplifies operations with enhanced performance in a compact, purposeful design.

The Dell™ PowerEdge T410 features the performance of Intel Xeon 5500 and 5600 series processors, the availability of up to 6 hard drives (3.5" or 2.5"), DDR3 memory and an optimum chassis depth of 24" for efficient deployment and operation. The PowerEdge T410 was developed with a purposeful design including energy-optimized technology and simplified systems management.

Inspired by IT professionals like you, the T410 is built to simplify daily operations and maximize uptime.

PURPOSEFUL DESIGN

The PowerEdge T410 takes advantage of Dell's outstanding system commonality and reliability. Consistent component layout and purposeful placement of interface ports and power supplies enable easy installation and redeployment. With a depth of 24", the PowerEdge T410's chassis is easier to access and designed to reside in a back office, retail or small office setting where small chassis and quiet acoustics matter.

Robust, metal hard drive carriers and organized cabling are designed to improve component access and airflow across the server. The PowerEdge 410 purposeful design provides quiet acoustics and an optional LCD screen positioned on the front by the bezel for ease of monitoring.

ENERGY-OPTIMIZED TECHNOLOGY

Energy efficiency is designed at the core system level on the PowerEdge T410. Several energy-tuned technologies and standards-based Energy Smart components reduce power consumption while increasing performance capacity.

Energy Smart 90%+ efficient power supply units are right-sized for system requirements on the PowerEdge. Power Management features include power capping, power inventory, and power budgeting to best manage power in your specific environment.

SIMPLIFIED SYSTEMS MANAGEMENT

The next-generation of Dell OpenManage™ suite of management tools is designed to provide efficient operations and standards-based commands designed to integrate with existing systems for effective control.

Dell Management Console (DMC) helps simplify operations and create stability by shrinking infrastructure management to one console. This console delivers a single view and a common data source into the entire infrastructure management. Built on Symantec® Management Platform, it has an easily extensible, modular foundation that can provide basic hardware management or more advanced functions, such as asset and security management. Dell Management Console is designed to reduce or eliminate manual processes, enabling you to save time and money for more strategic technology usage.

Secure and efficient, the Dell Lifecycle Controller delivers "Instant On" integrated manageability through a single access point. The Unified Server Configurator (USC) interface enables persistent access to the tool because it is embedded and integrated into the system for significant flexibility and capabilities. The Lifecycle Controller is a one-stop shop for deploying operating systems with built-in driver installations, BIOS and firmware update and rollback, hardware configuration, and diagnostics.

ABOUT DELL GLOBAL SERVICES

Dell Services can help reduce IT complexity, lower costs, and eliminate inefficiencies by making IT and business solutions work harder for you. The Dell Services team takes a holistic view of your needs and designs solutions for your environment and business objectives while leveraging proven delivery methods, local talent, and in-depth domain knowledge for the lowest TCO.

Feature	DELL™ POWEREDGE™ 410	
Processors	Latest quad-core or six-Core Intel® Xeon® 5500 and 5600 series processors	
Processor Sockets	2	
Front Side Bus or HyperTransport	Intel® QuickPath Interconnect (QPI)	
L2/L3 Cache	4MB and 8MB	
Chipset	Intel 5500 Chipset	
Memory	Up to 64GB (8 DIMM slots*): 1GB/2GB/4GB/8GB DDR3 800MHz, 1066MHz or 1333MHz 16GB Quad-Ranked 1066MHz DIMMs	
I/O Slots	4 PCIe x 8 (x4 routing), 1 PCIe x 16 (x8 routing)	
Drive Controller	Chipset based SATA, SAS 5/E, LSI2032 (for tape only), SAS 5/iR (for tape only)	
RAID Controllers	**Internal:** PERC H200 (6Gb/s) PERC H700 (6Gb/s) with 512MB Non-Volatile cache PERC H700 (6Gb/s) with 512MB battery-backed cache SAS 6/iR PERC 6/i with 256MB battery-backed cache PERC S100 (software based) PERC S300 (software based)	**External:** PERC H800 (6Gb/s) with 512MB Non-Volatile cache PERC H800 (6Gb/s) with 512MB of battery-backed cache PERC 6/E with 256MB or 512MB of battery-backed cache **External HBAs (non-RAID):** 6Gbps SAS HBA SAS 5/E HBA LSI2032 PCIe SCSI HBA
Drive Bays	6x 3.5" Cabled Hard Drives Or 6x 3.5" Hot-swap Hard Drives Or 6x 2.5" Hot-swap Hard Drives And 2x 5.25" drive bays for DVD-ROM, DVD+/-RW, or TBU	
Maximum Internal Storage	Up to 6 TB SATA or Near Line SAS	
Hard Drives[1]	3.5" SATA (7.2K rpm) 160GB, 250GB, 500GB, 750GB, 1000GB 3.5" Near Line SAS (7.2K rpm) 500GB, 750GB, 1000GB 3.5" SAS (15K rpm) 146GB, 300GB, 450GB 3.5" SAS (10K rpm) 600GB 3.5" 2.0TB SATA 2.5" SAS (10K rpm) 73GB, 146GB, 300GB 2.5" SATA SSD 25GB, 50GB, 100GB	
Tape Support	RD1000, DAT-72, LTO2-L, LTO3-060, LTO4-120, External versions also available.	
Network Interface Cards	Embedded Dual-port Broadcom® NetXtreme II™ 5716 Gigabit Ethernet Intel® Gigabit ET Dual Port Server Adapter and Intel® Gigabit ET Quad Port Server Adapter Intel Single Port 1GbE NIC Intel Dual Port 1GbE NIC Intel Quad Port 1GbE NIC Broadcom Dual Port 1GbE NIC	
Power Supply	Non-Redundant PSU, 525W (80+) Optional Redundant PSU, 580W (80+ GOLD)	
Availability	Quad-pack LED Diagnostic or LCD diagnostic with hot-swap HDD chassis; TPM; optional hot-swap hard drives; optional hot-swap redundant power supply; optional PERC 6/i RAID controller with battery-backed cache; tool-less chassis	
Video	Integrated Matrox® G200	
Remote Management	BMC, IPMI2.0 compliant Optional iDRAC6 Enterprise, iDRAC6 Express	
Systems Management	Dell™ OpenManage™	
Rack Support	Tower only (5U rack via 3rd party tray)	
Operating Systems	Microsoft® Windows® Small Business Server 2008 Microsoft® Windows® Essential Business Server 2008 Microsoft® Windows Server® 2008 SP2, x86/x64 (x64 includes Hyper-V™) Microsoft® Windows Server® 2008 R2, x64 (includes Hyper-V™ v2) Novell® SUSE® Linux® Enterprise Server Red Hat® Enterprise Linux® For more information on the specific versions and additions, visit www.dell.com/OSsupport.	

[1] For hard drives, GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

** 'Typical configuration' means the system is populated with projected average quantity, type, capacity, speed, etc., of components.

*** LwA – UL is the upper limit sound power levels (LwA) calculated per section 4.4.1 of ISO 9296 (1988) and measured in accordance to ISO 7779 (1999).

**** LpAm is the average bystander position A-Weighted sound pressure level calculated per section 4.4.4 of ISO 9296 (1988) and measured in accordance to ISO 7779 (1999).

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